

4. Caroline

Program Name: Caroline.java

Input File: caroline.dat

Caroline's teacher in her AP Psychology class told her that if someone is asked to select a random number, it is more likely that the number will be an even number. Her class ran an experiment to verify this, and they discovered it was true.

She got to thinking. What if ten people selected a random number, would the sum of the even numbers be greater than the sum of the odds?

So, she has asked you to write a program to answer that question. Your job is to read in a list of ten whole numbers. Find the sum of the odd numbers in the list. Also find the sum of the even numbers in the list. Compare the two sums and let the world know your findings.

Input: Line #1 will consist of one integer N in the range [1,25] which indicates how many lines of data will follow. Each of the N lines of data will contain ten whole numbers in the range [0,9999]. The numbers in each data set will be separated by one whitespace.

Output: Output one of the three messages for each data set.

- If the even sum is greater, print "Evens win by ? point(s)" where ? is filled with the positive difference between the two sums.
- If the odd sum is greater, print "Odds win by ? point(s)" where ? is filled with the positive difference between the two sums.
- If the sums are equal, print the message "It's a tie!!!"

Sample input:

```
5
12 13 14 15 23 24 25 26 55 62
7 7 7 7 7 7 7 7 28 28
2 3 2 3 2 3 2 3 2 3
5 1 2 8 6 7 5 3 0 9
11 22 33 44 55 66 77 88 99 110
```

Sample output:

```
Evens win by 7 point(s)
It's a tie!!!
Odds win by 5 point(s)
Odds win by 14 point(s)
Evens win by 55 point(s)
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